

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-13 (Canceled).

Claim 14 (New) An information recording method for recording information on an information storage medium that includes,

a data area for recording a plurality of error correction code blocks, wherein a predetermined number of sectors form each error correction code block, and each of said sectors has a predetermined size, and

a control information recording area for storing control information for managing the video data or audio data, the control information recording area including an AV file information table having a first table area for storing object stream information, and a second table area for storing AV file information configured to manage information of the video data or audio data, and the AV file information including a plurality of object information, each object information configured to store information of object units of the video data or audio data, and a plurality of object information search pointers associated with the plurality of object information, wherein,

said AV data is configured to be recorded in at least one of the object units,

an object corresponding to the video data or audio data is allocated with or corresponds to one or more of the plurality of error correction code blocks,

an error correction code block address being defined in units of the error correction code block corresponds to an integer multiple of said sectors,

the information recording method comprising:

recording the object into the data area.

Claim 15 (New) The information recording method of Claim 14, wherein a start address of a rewritable data area including said audio/video data is defined by “030000h” in hexadecimal notation.

Claim 16 (New) An information reproducing method for reproducing information recorded on an information storage medium that includes,

a data area for recording a plurality of error correction code blocks, wherein a predetermined number of sectors form each error correction code block, and each of said sectors has a predetermined size, and

a control information recording area for storing control information for managing the video data or audio data, the control information recording area including an AV file information table having a first table area for storing object stream information, and a second table area for storing AV file information configured to manage information of the video data or audio data, and the AV file information including a plurality of object information, each object information configured to store information of object units of the video data or audio data, and a plurality of object information search pointers associated with the plurality of object information, wherein,

said audio/video data is configured to be recorded in at least one of the object units, an object corresponding to the video data or audio data is allocated with or corresponds to one or more of the plurality of error correction code blocks,

an error correction code block address being defined in units of the error correction code block corresponds to an integer multiple of said sectors,

the information reproducing method comprising:
reproducing video data or audio data.

Claim 17 (New) An information storage medium configured to have data recorded thereon and data reproduced therefrom by an information recording/reproducing apparatus,

said data including control information and video data or audio data, the information storage medium comprising:

a data area for recording a plurality of error correction code blocks, wherein a predetermined number of sectors form each error correction code block, and each of said sectors has a predetermined size; and

a control information recording area for storing control information for managing the video data or audio data, the control information recording area including,

an AV file information table having a first table area for storing object stream information, and a second table area for storing AV file information configured to manage information of the video data or audio data,

the AV file information including a plurality of object information, each object information configured to store information of object units of the video data or audio data, and a plurality of object information search pointers associated with the plurality of object information, wherein,

said AV data is configured to be recorded in at least one of the object units,

an object corresponding to the video data or audio data is allocated with or corresponds to one or more of the plurality of error correction code blocks, and

an error correction code block address being defined in units of the error correction code block corresponds to an integer multiple of said sectors.

Claim 18 (New) The information storage medium of Claim 17, wherein a start address of a rewritable data area including said audio/video data is physically fixed at "030000h" in hexadecimal notation.

Claim 19 (New) The information storage medium of Claim 17, wherein said control information is configured to include information that pertains to address setups along an actual data allocation.

Claim 20 (New) An information reproducing apparatus for reproducing information recorded on an information storage medium that includes

a data area for recording a plurality of error correction code blocks, wherein a predetermined number of sectors form each error correction code block, and each of said sectors has a predetermined size, and

a control information recording area for storing control information for managing the video data or audio data, the control information recording area including an AV file information table having a first table area for storing object stream information, and a second table area for storing AV file information configured to manage information of the video data or audio data, and the AV file information including a plurality of object information, each object information configured to store information of object units of the video data or audio data, and a plurality of object information search pointers associated with the plurality of object information, wherein,

said AV data is configured to be recorded in at least one of the object units,

an object corresponding to the video data or audio data is allocated with or corresponds to one or more of the plurality of error correction code blocks, and

an error correction code block address being defined in units of the error correction code block corresponds to an integer multiple of said sectors,

the information reproducing apparatus comprising:

a reproducer configured to reproduce video data or audio data.

Claim 21 (New) An information storage medium configured to have data recorded thereon and data reproduced therefrom by an information recording/reproducing apparatus, said medium having a lead-in area, a lead-out area, and a data area defined between said lead-in and lead-out areas, and having physical sectors for said data area, wherein,

said data area is configured to record a data object with ECC blocks, said data object being able to include video or audio information, and

a prescribed address corresponding to an integer multiple of said physical sectors is defined, said prescribed address managing said ECC blocks.

Claim 22 (New) The medium of Claim 21, wherein said prescribed address is configured based on a unit of 2048-byte value.

Claim 23 (New) An apparatus for recording said data object on the medium as defined in Claim 21.

Claim 24 (New) An apparatus for reproducing said data object from the medium as defined in Claim 21.

Claim 25 (New) An information storage medium configured to have data recorded thereon and data reproduced therefrom by an information recording/reproducing apparatus, said medium having a lead-in area, a lead-out area, and a data area defined between said lead-in and lead-out areas, and having physical sectors for said data area, wherein

said data area is configured to record a data object with ECC blocks, said data object being able to include video or audio information, and

a prescribed address corresponding to sixteen said physical sectors is defined, said sixteen physical sectors corresponding to one of said ECC blocks.

Claim 26 (New) The medium of Claim 25, wherein said prescribed address is configured based on a unit of 2048-byte value.

Claim 27 (New) An apparatus for recording said data object on the medium as defined in Claim 25.

Claim 28 (New) An apparatus for reproducing said data object from the medium as defined in Claim 25.